

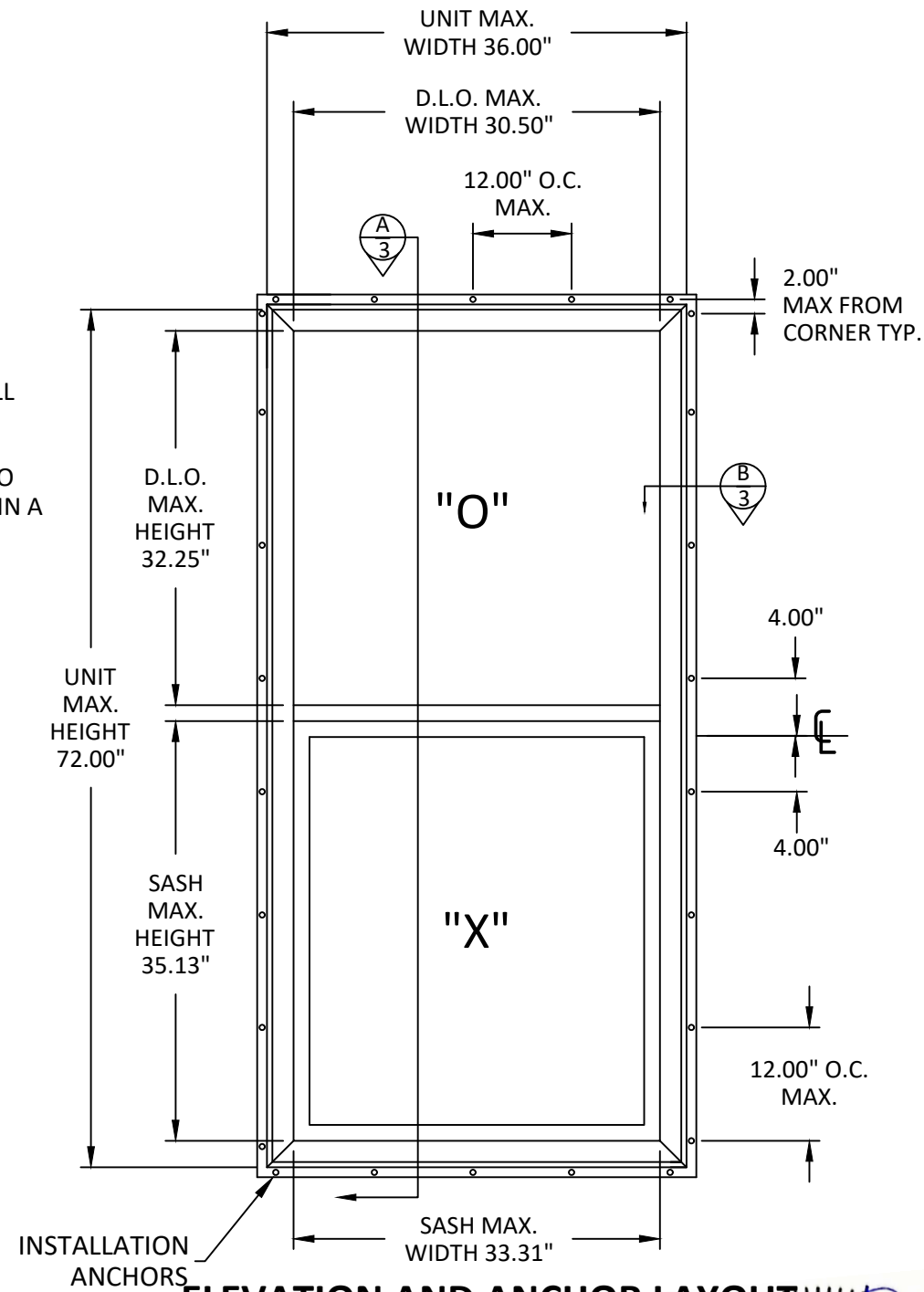
**INSTALLATION NOTES:**

- SHIM AS REQUIRED TO ACHIEVE A PLUMB AND SQUARE ISNTALLATION WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". SHIM WHERE SPACE OF 1/16 OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAS A CORROSION RESISTANT COATING.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - WOOD-MINIMUM SPECIFIC GRAVITY OF 0.55.
  - STEEL-MINIMUM 20 GA. (Fy = 33 KSI)
- FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #8 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2 INCH EMBEDMENT AND SHALL MAINTAIN A MIN. EDGE DISTANCE OF 3/4 INCH.
- FOR INSTALLATION THROUGH METAL STUD USE #8 SMS OF SELF-DRILLING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND METAL STRUCTURE. METAL ANCHORS SHALL MAINTAIN A MINIMUM EDGE DISTANCE OF 3/4 INCH.

**GENERAL NOTES:**

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) EXCLUDING HVHZ, AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
  - AAMA/WDMA/CSA 101/I.S.2/A440-08
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 2X WOOD STUDS SHALL BE ATTACHED TO FULL LENGTH OF THE FRAME WHEN USED INSIDE METAL FRAMING AS STIFFENERS, WOOD STIFFENERS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS OF THE STRUCTURE. STIFFENER DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- GLASS SHALL MEET REQUIREMENTS OF ASTM E1300 GLASS CHARTS.
- DESIGNATIONS:
  - X: OPERABLE SASH
  - O: FIXED LITE

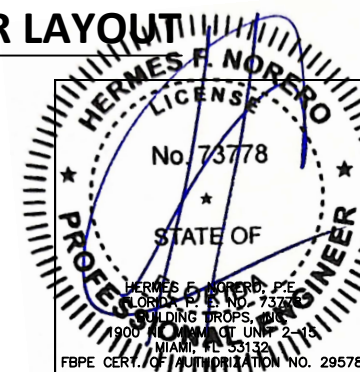
**CROFT, LLC**  
**SERIES 20 SINGLE HUNG**  
**TILT WINDOW**



**ELEVATION AND ANCHOR LAYOUT**

SERIES 20 SINGLE HUNG  
TILT WINDOW

DESIGN PRESSURE  
+/-50.0 PSF

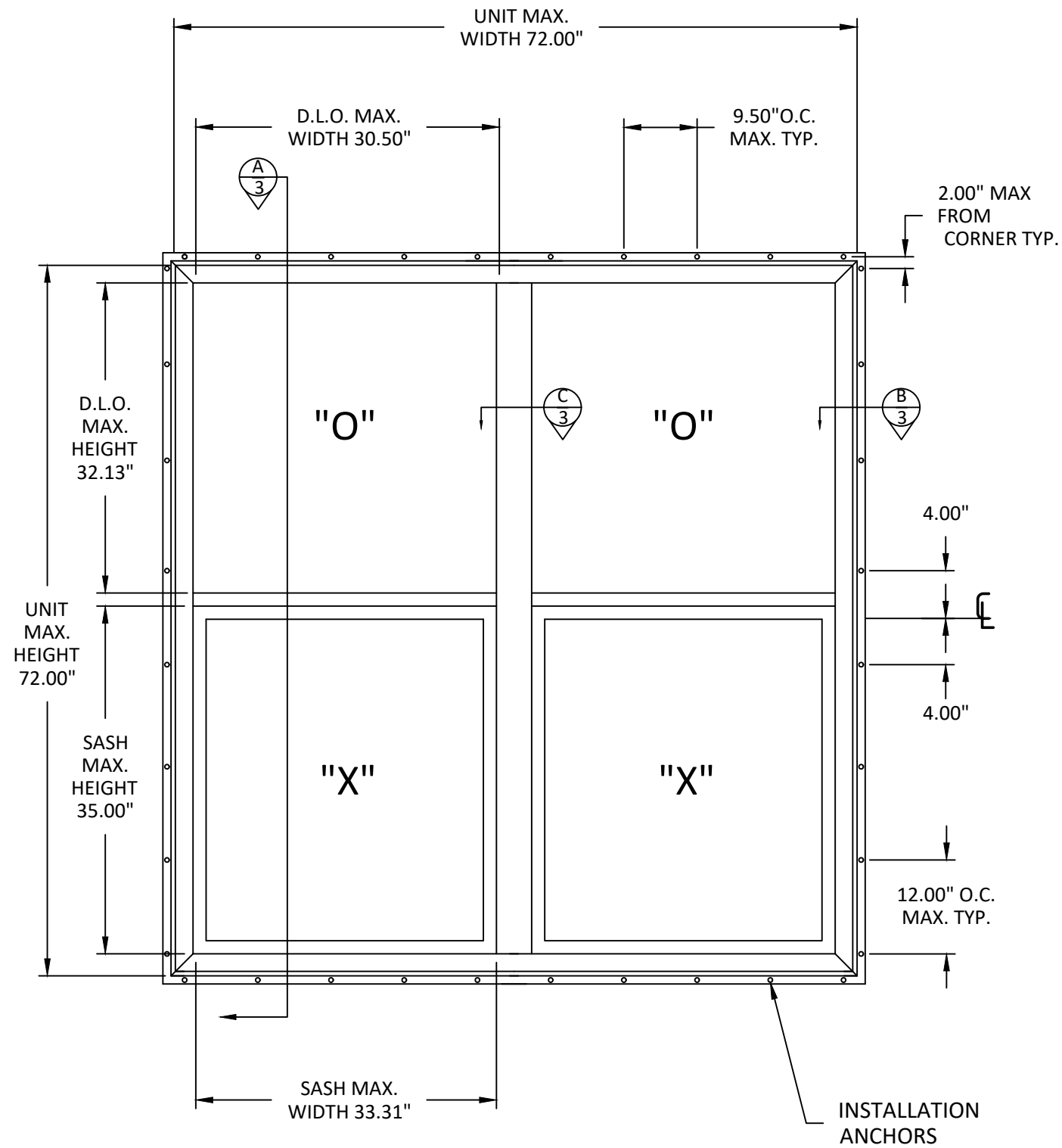


Title: **SERIES 20 SINGLE HUNG TILT WINDOW**  
 NOTES AND ELEVATION

CROFT, LLC.  
 1800 NORTH CLARK AVENUE  
 MAGNOLIA, MS 39652  
 PH: 601-684-6121 FX: 601-783-3188

REVISIONS	
NO	DESCRIPTION
A.	5TH EDITION 2014 FBC REVISION
B.	SIZES AND DESIGN PRESSURES REVISION
C.	7TH EDITION 2020 FBC REVISION

DATE	11/14/12
DWN BY:	J. BITZ
CHK BY:	--
SCALE:	NONE
DRAWING #:	0020-951
SHEET:	1 OF 4



**ELEVATION AND ANCHOR LAYOUT**

SERIES 20 SINGLE HUNG  
TILT WINDOW

DESIGN PRESSURE
+/-50.0 PSF

Title: SERIES 20 SINGLE HUNG TILT WINDOW  
ELEVATIONS

CROFT, LLC.  
1800 NORTH CLARK AVENUE  
MAGNOLIA, MS 39652  
PH: 601-684-6121 FX: 601-783-3188

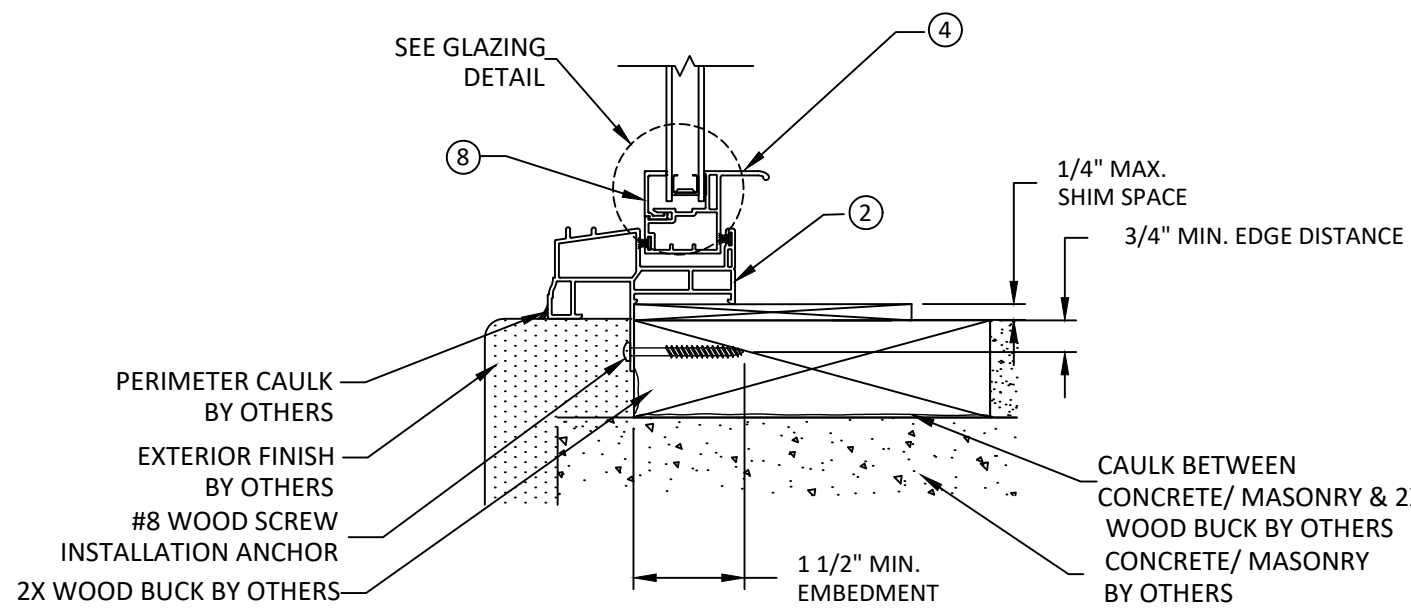
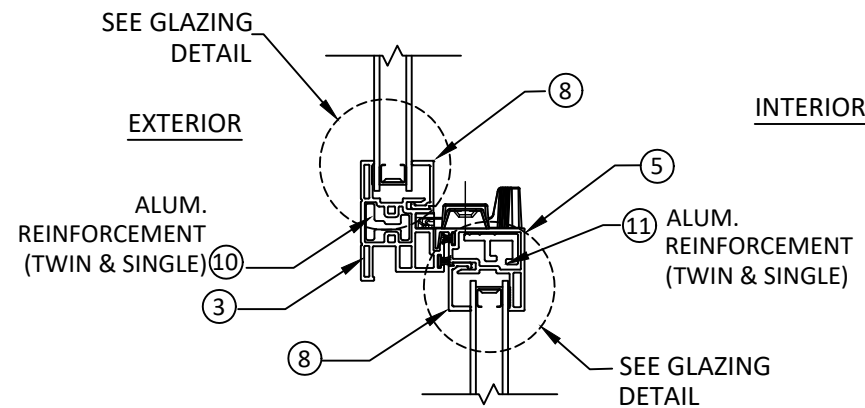
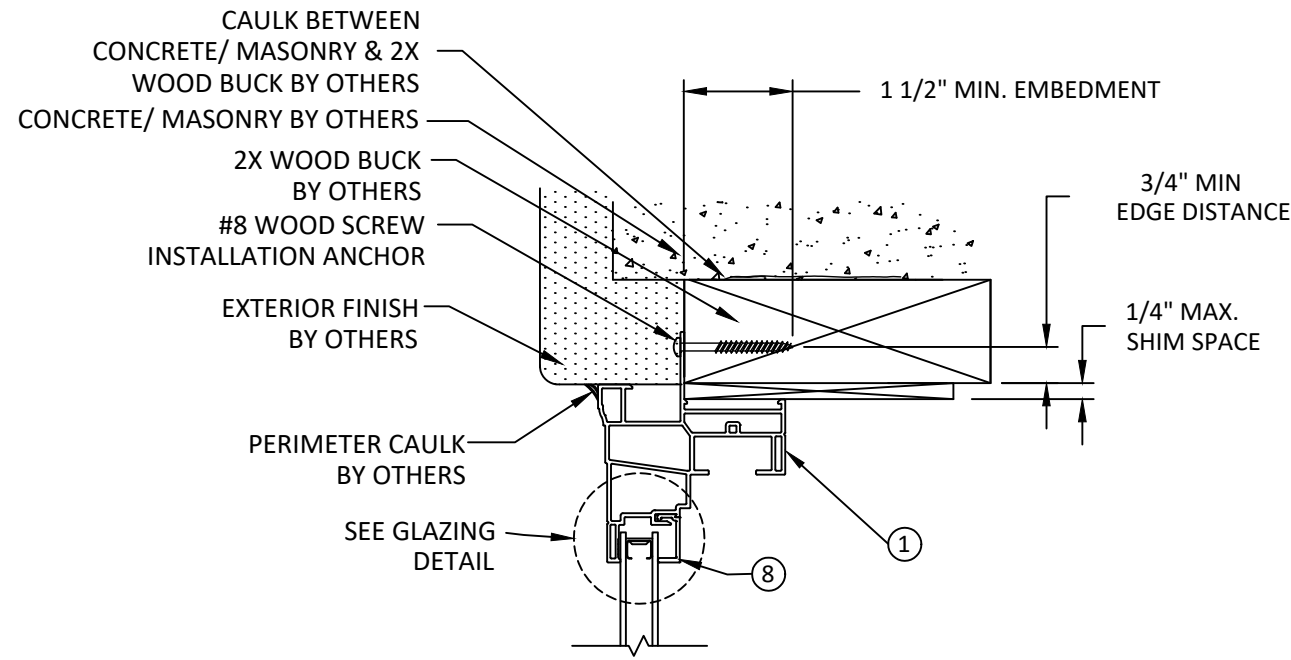
**REVISIONS**

NO.	DESCRIPTION	BY	DATE
A.	SIZES AND DESIGN PRESSURES REVISION	LL	7/21/21
B.	7TH EDITION 2020 FBC REVISION	AC	8/27/21

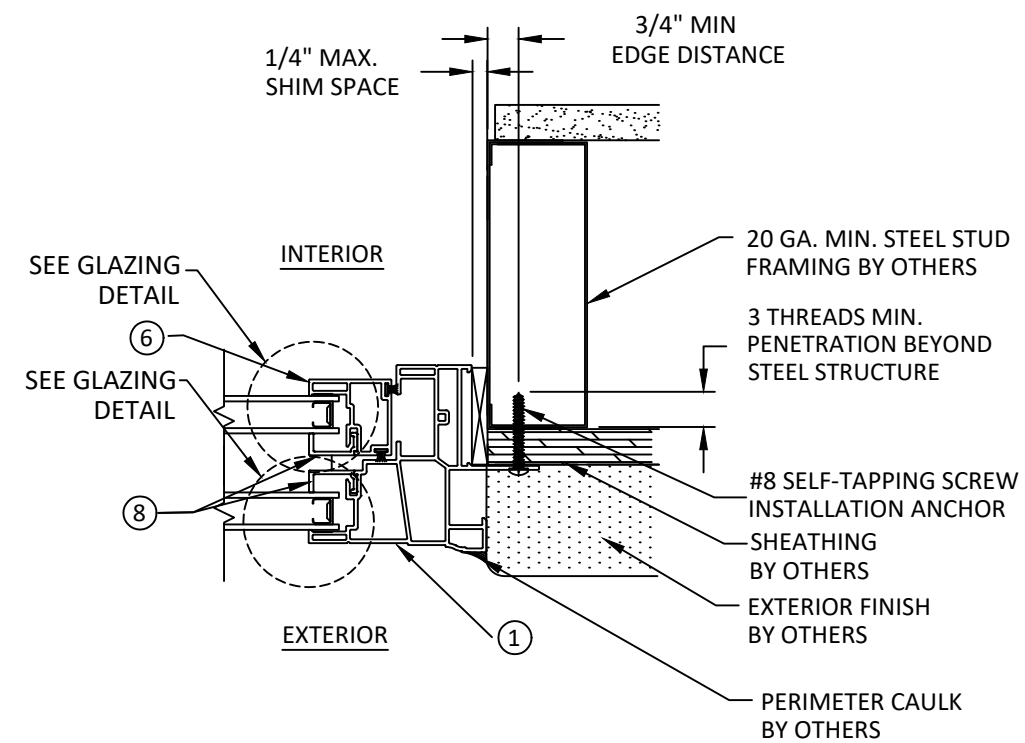


11/14/12	DWN BY: J. BITZ	CHK BY: -	SCALE: NONE
DRAWING #:		0020-951	
SHEET:		2 OF 4	

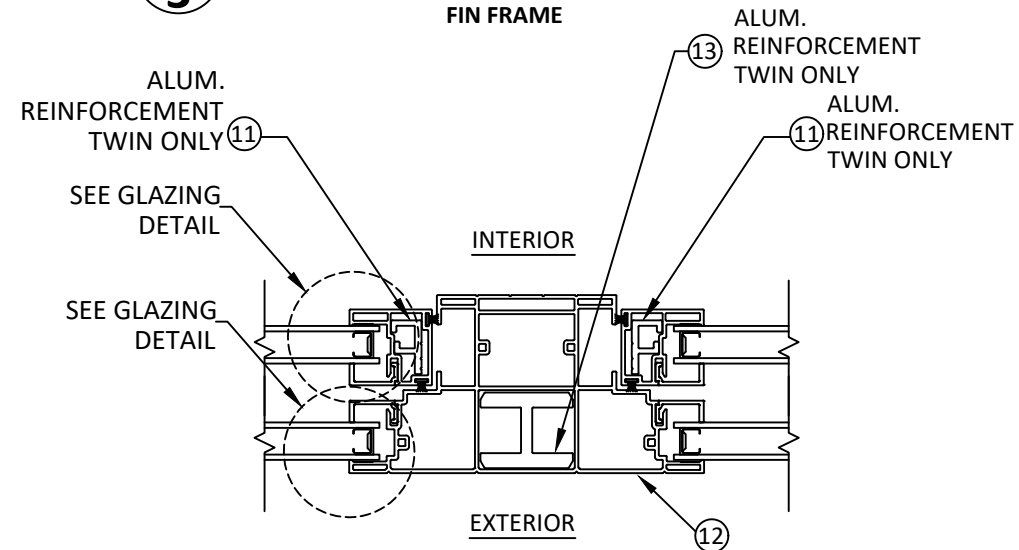
HERMES F. NORRO, P.E.  
FL. LIC. NO. 73778  
BUILDING DROPS,  
1900 MIAMI BLVD., SUITE 200  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION NO. 29578



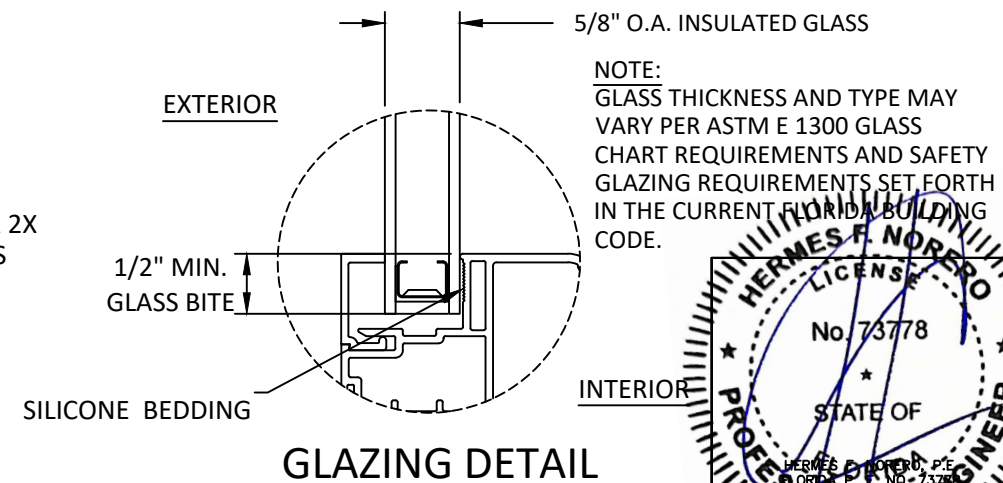
**A**  
**3** **VERTICAL SECTION**  
SILL - 2X WOOD BUCK  
FIN FRAME



**B**  
**3** **HORIZONTAL SECTION**  
JAMB - STEEL STUD FRAME  
FIN FRAME



**C**  
**3** **HORIZONTAL SECTION**  
INTERMEDIATE JAMB  
FIN FRAME



**GLAZING DETAIL**



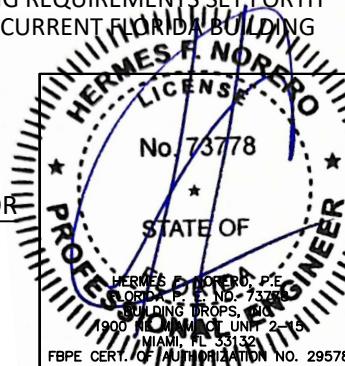
**SERIES 20 SINGLE HUNG TILT WINDOW**  
X-SECTIONS & GLAZING DETAIL

CROFT, LLC.  
1800 NORTH CLARK AVENUE  
MAGNOLIA, MS 39652  
PH: 601-684-6121 FX: 601-783-3188

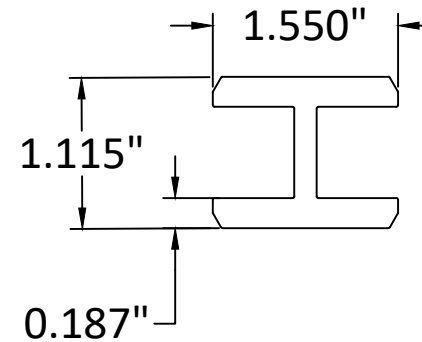
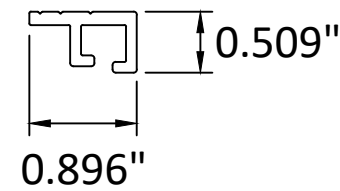
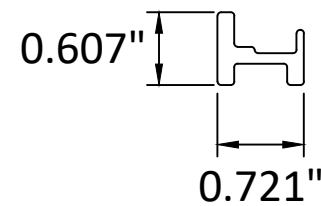
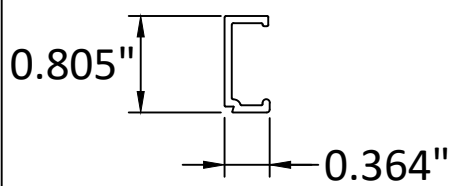
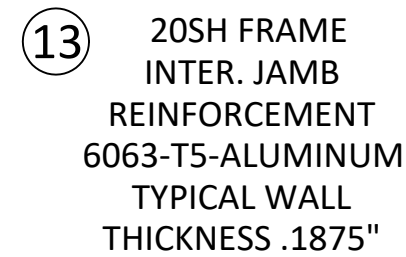
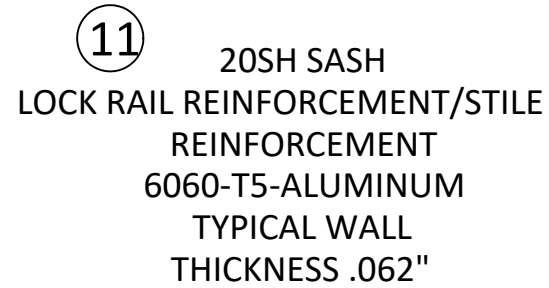
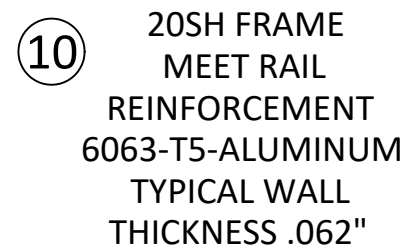
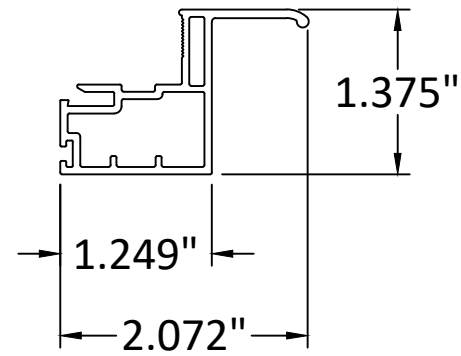
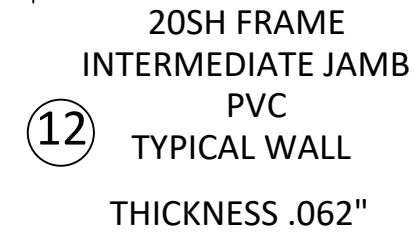
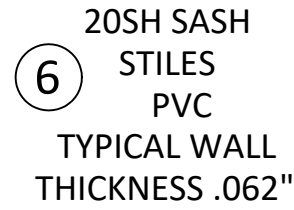
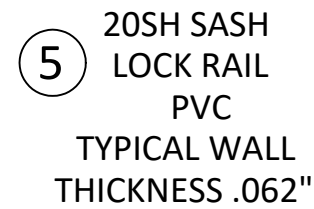
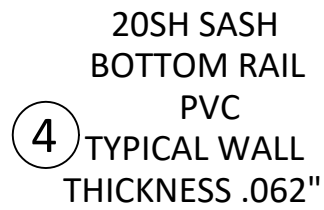
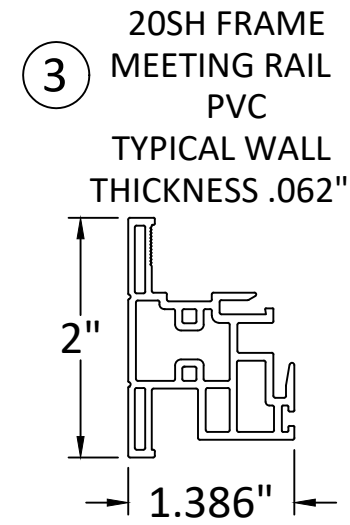
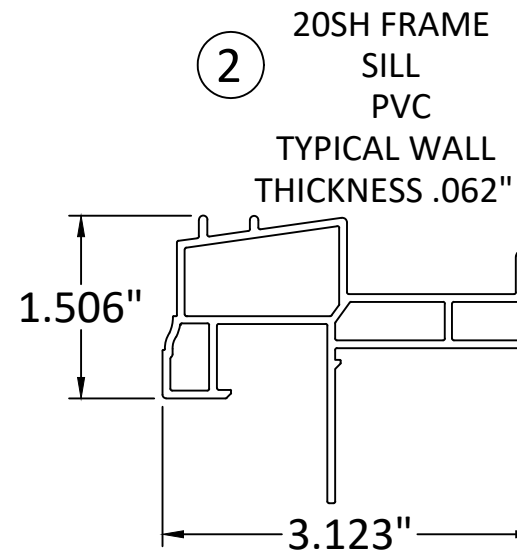
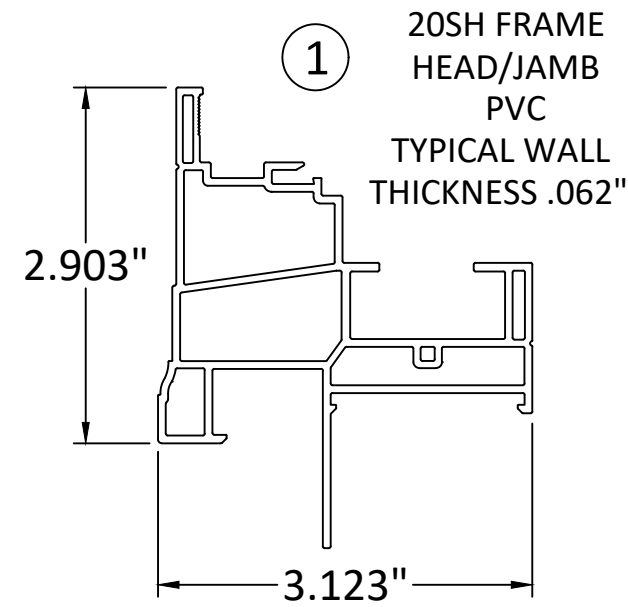
Title:

NO.	DESCRIPTION	DATE		
		BY		
A.	7TH EDITION 2020 FBC REVISION	AC 8/27/21		

NO.	11/16/12	SCALE:	NONE
DWN BY:	J.BITZ	DRAWING #:	0020-951
CHK BY:		SHEET:	3 OF 4



HERMES F. NORRO, P.E.  
No. 73778  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
1900 MIAMI BLVD. UNIT 2-19  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION NO. 29578



Title: SERIES 20 SINGLE HUNG TILT WINDOW COMPONENTS

CROFT, LLC.  
1800 NORTH CLARK AVENUE  
MAGNOLIA, MS 39652  
PH: 601-684-6121 FX: 601-783-3188

Title:

NO.	DESCRIPTION	DATE	BY
		AC 8/27/21	AC
A.	7TH EDITION 2020 FBC REVISION		

DATE	11/16/12
DWN BY:	J.BITZ
CHK BY:	
SCALE:	NONE
DRAWING #:	0020-951

SHEET: 4 OF 4

